

PowerShot A310 Digital Camera

Canon

advanced simplicity™



Stunning digital photos, made simple.

PowerShot
DIGITAL CAMERA

PowerShot A310 Digital Camera

SHOOT, VIEW AND SHARE WITH EASE

If it's an easy-to-use digital camera with excellent features and quality that you want, look no further than the Canon PowerShot A310. Delivering quality photos through Canon's advanced technology and optical engineering expertise, it's the affordable answer to your digital imaging needs.

SENSOR TECHNOLOGY

- Captures crisp images via its 3.2 Megapixel CCD, producing sharp photo prints up to A4 size.



CANON'S FORMULA FOR AMAZING DIGITAL PHOTOS

High-performance
Canon lens

+

CCD

+

DiGiC
high-performance
image processing







PROCESSOR TECHNOLOGY

Unique to Canon, the DiGiC Image Processor delivers exceptionally high picture quality, focusing accuracy and processing speed. It also provides longer battery life and fast continuous shooting.



LENS TECHNOLOGY

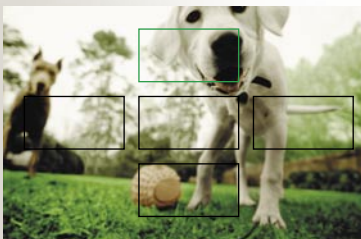
- High resolution f/3.6 single focus lens (35mm film equivalent: 33mm).
- Razer sharp Macro function for focus as close as 5cm.

SIMPLICITY ITSELF

- **Digital Zoom** - Zooms in from wide-angle shots to approximately 5x enlargement, bringing you even closer to the action.



- **Movie** - Create 3-minute movie clips with sound.



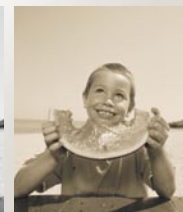
- **5 Point AiAF** - Even off-centre subjects to be perfectly focused and exposed.



Neutral Colour



Black & White



Sepia

- **Photo Effects** - Customise your images with a range of effects, including Black & White, Neutral Colour and Sepia.

CANON DIRECT PRINT

Who needs a computer to print instant outstanding photos? Just plug your PowerShot A310 into any Canon direct photo printer, press one button and print straight from your camera, instantly.



- Connects directly to Canon direct photo printers as well as other printers that use PictBridge technology.
- Prints credit card sized prints, stickers and photo postcards. Use with a Bubble Jet Direct printer or compatible Canon All-in-One printer and you can print photos up to A4 size.

- **Print/Share Button*** – Sends images to print or downloads them onto your computer with the touch of a button.



- **ID Photo Print** – Crops images to print ID/passport size photos from Canon Card Photo printers.



- **Movie Print** – Prints a series of sequential stills from your movie on a single sheet of paper using Canon Card Photo printers.



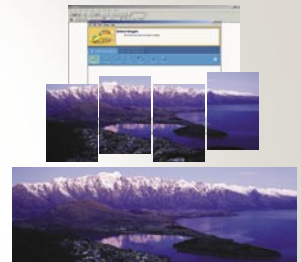
EASY-TO-USE SOFTWARE

- **ZoomBrowser EX** – Downloads your shots so they can be stored, emailed or selected for printing. Just connect your PowerShot A310 to your PC, and ZoomBrowser EX will automatically launch.



- **PhotoRecord** – Helps you create photo album pages, complete with captions and graphics, that can be printed and bound into a personalised album.

- **PhotoStitch** – Automatically 'stitches' together a series of shots to create a seamless panoramic image – particularly effective when used in conjunction with the cameras Stitch Assist mode.



OPTIONAL ACCESSORIES

- **Soft Case – SC-PS900**



- **Metallic Neck Strap**



- **Compact Power Adaptor CA-PS800** – Allows connection to AC power, recommended during downloading and direct printing.



- **Battery & Charger Kit CBK4-200 or CBK-100** – AA-size rechargeable batteries & charger.



PowerShot A310 Specifications

CCD		
Size	1/2.7 inch	
Effective Number of Pixels	Approx. 3.2 MP	
Total Number of Pixels	Approx. 3.3 MP	
Filter Array	Primary colour filter (Bayer)	
IMAGE PROCESSOR		
Processor	DiGiC	
LENS		
Focal Length (optical)	5mm	
35mm Film Equivalent	33mm	
Maximum Aperture	F3.6	
Construction	5 elements in 5 groups (including 1 aspherical element)	
Digital Zoom	Approx. 5.1x	
Focusing Method	5-point AiAF / 1-point AF (Fixed in centre)	
FOCUSING RANGE		
	Normal	20cm – infinity
	Macro	5 – 20cm
CONTROL/BALANCE		
Light Metering Method	Evaluation / Centre-weighted averaging / Spot (Metering frame when Spot : Centre)	
Exposure Control Method	Program AE	
Exposure Compensation	+/- 2 EV in 1/3-stop increments	
White Balance Control	TTL White Balance	
White Balance Modes	Auto + Pre-set (Daylight / Cloudy / Tungsten / Fluorescent / Fluorescent H) + Custom	
Shutter Speed	1 – 1/2,000 sec.	
Sensitivity (Equivalent Film Speed)	Auto / ISO 50 / 100 / 200 / 400 equivalent	
LCD MONITOR/VIEWFINDER		
Viewfinder	Inverted Galilean finder	
LCD Monitor	1.5 inch low-temperature polycrystalline silicon TFT colour LCD	
FLASH		
Flash Modes	Auto / Red-eye reduction on / flash On / flash Off / Slow-synchro	
Flash Range Normal [at ISO Auto equiv.]	20cm – 2.0m	
SELECTABLE SHOOTING MODES		
Shooting Modes	Auto / Manual / Stitch Assist / Movie	
Photo Effects Mode	Vivid / Neutral / Low sharpening / Sepia / Black & White	
CONTINUOUS SHOOTING		
Normal	Approx. 2.2 shots/sec. [Large/Fine mode, when LCD monitor is turned off]	
IMAGE RECORDING FORMAT		
Image File Format	Design rule for camera file system, DPOF Version 1.1 compliant	
Still Image	JPEG (Exif 2.2 compliant)	
Movie	AVI Image data: Motion JPEG	
Sound Annotation/Audio Data	WAVE (monaural)	
JPEG Compression Levels	Superfine / Fine / Normal	

All data is based on Canon's standard testing methods.
Canon reserves the right to change specifications without notice.
*Compatible printer required for Direct Printing. Compatible Windows computer required for direct download.

RECORDING PIXELS		
Still Images	Large	2048 x 1536
	Medium 1	1600 x 1200
	Medium 2	1024 x 768
	Small	640 x 480
Movie Images	Large (VGA)	640 x 480
	Medium (QVGA)	320 x 240
	Small (QQVGA)	160 x 120
	Frames per second 15	
OTHER OPERATIONS		
Playback Operations	Single / Index (9 thumbnail images) / Movie Special Replay – Next frame, Previous frame, Fast forward, Rewind, First frame and Last frame / Magnify (2x – 10x) / Histogram	
File Operations	DPOF – Print Order/Image transfer, Movie – unnecessary scenes can be erased. Sound Memos – max. record/play time is approx. 60 sec.	
Direct Printing	Yes	
PictBridge	Yes	
Print/Share Button	Yes	
ID Photo Print	Yes (with compatible Canon Card Photo printers)	
Movie Print	Yes (with compatible Canon Card Photo printers)	
Camera Settings	Start-up image/ Start-up sound/ Shutter sound/ Operation sound and Self-timer sound (Creation of on-camera content)	
Menu Languages	12 languages English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Chinese and Japanese)	
Self-timer	Approx. 2 sec. or 10 sec. count-down	
INTERFACE		
Computer I/F	USB	
Memory Storage	CompactFlash™ card (Type1)	
Supplied Memory	32MB	
SUPPORTED OPERATING SYSTEMS		
PC	Windows 98 (including SE)/ME/2000/XP	
Mac	OS 9.0 – 9.2, OS X (Version 10.1/10.2)	
POWER SOURCE		
Battery	Size AA Alkaline battery (x2) or Size AA rechargeable NiMH battery (x2)	
Optional Charger/AC Adaptor	CBK4-200/CBK-100 / AC Adaptor Kit ACK800 (contains CA-PS800)	
OPERATING ENVIRONMENT		
Temperature	0 – 40°C	
Humidity	10 – 90%	
Dimensions (W x D x H)	110 x 58 x 36.6mm (ex. protruding parts)	
Weight	Approx. 175g (ex. batteries and CF card)	
INCLUDED ACCESSORIES AND SOFTWARE		
– Wrist Strap WS-200, 2 x AA Alkaline Batteries, USB Interface Cable IFC-400PCU, 32MB CF Card, Software Starter Guide, Camera User Guide, Quick Start Guide, Direct Print User Guide		
– Canon Digital Camera Solution Disk		
– ArcSoft Camera Suite Disk		

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Canon Camera Museum

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